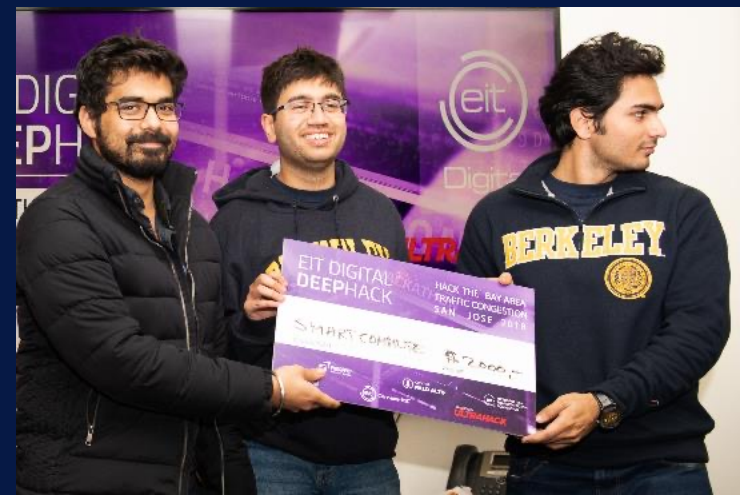# DEEPHACK

Non-Conventional Deep Tech Innovation

Co-funded by the European Union

What is DeepHack ?

1. *DeepHack* is an **open innovation event** in challenge (hackathon) format, responding to a **challenge partner**'s call for solutions.

2. *DeepHack* **leverages the eco-systems of the KIC(s).**

3. *DeepHack* focuses on **solutions for hard to crack Deep Tech problems, building eco-systems** and **mobilizing experts and talent.**

Coaching during an evaluation session

Master School Students at DeepHack Berlin 2018

Why deploy a DeepHack challenge?

Advance or explore alternatives for your innovation and business challenges

Hack your product
- Accelerated and extensive end-user test
- Get potential solutions for shortcomings

Purchase evaluation
- Quick evaluation of alternative platform choices
- Fast MVP development

Eco-system building with European partners around your platform or solution

Kick-start your app store
- Test run your app store APIs
- Fast porting of existing building blocks

Acquire additional functionality
- Fast prototyping of new functionality on your platform
- First level evaluation of functional 3rd party additions

Access to talent, experts and entrepreneurs from Europe

Observe talent at work
- Identify and evaluate potential talent
- Evaluate talent in real working environment

Expand network of experts
- Meet experts and independent developers
- Identify innovative strategies and approaches

How DeepHack makes the difference

Focus on the outcome of proposed solutions by the teams, either for further development or business partnership

Application is open to all, however only 15-20 teams are invited to participate in the DeepHack event

Strong talent pool in EIT Digital Master School students and alumni, Accelerator professionals and experts

What is DeepHack^{online} ?

A 48 Hour DeepHack, using online tools:

Accommodate for travel restrictions and social distancing, as imposed by the COVID-19 pandemic

Use proven tools and techniques to communicate and share:

- Hackathon signup and project submission (proprietary)

- Groups calls and webinars (Zoom)

- Inter and intra team communication (Slack)

- Online code database (Github)

DeepHack^online Agenda and Format

- Challenge definition and campaign preparation (2-4 wks)

- Participant recruitment and outreach (4 - 8 wks)

- Online hackathon (48 hours)
  - Day 1 (e.g. start early afternoon)
    - Opening session – Webinar with keynote presentations and challenge/practicality info
    - Check point 1 – Project updates with mentors
  - Day 2 (24 hrs after start)
    - Midway Checkpoint – Each team to present progress and targets, interactive mentoring session
  - Day 3 (48 hours after start)
    - Finals – Each team to present their solution by video conference to jury and mentors

- Winners announcement session (1 hours)

DeepHack Event History

	Action Line	Theme	Sponsors	Location	Time Frame
Pilots	**Digital Industry**	Hack the Mass Customization	Trinckle 3D	Berlin (Germany)	7-9 Dec 2018
	Digital City	Hack the Bay Area Traffic Congestion	MTC, City of Palo Alto, Prospect SV	San Jose (USA)	14-16 Dec 2018
Program	**Digital Finance**	Smart Payment Terminal	Olivetti, Spaceify	Helsinki (Finland)	27-29 Sep 2019
	Digital Finance	Smart Payment Terminal	Olivetti	Trento (Italy)	4-6 Oct 2019
	Digital Industry	Assets, Logistic and Maintenance	Innotractor, Duodeka, Datacon, Interpolis	Tilburg (Netherlands)	8-10 Nov 2019
	Digital Industry	Harbor Traffic Congestion	City of Hamburg, Lufthansa, Dakosy	Hamburg (Germany)	22-24 Nov 2019
	Digital Finance	Digital banking for SMB	OTP Bank	Budapest	6-8 Dec 2019
	Digital Wellbeing	DATA against COVID-19	EU, EIT, EIT Digital	ONLINE	1-3 May 2020
	Digital Industry	From Farm to Fork	EIT Food, EIT Health, Groningen University, Hanze University of Applied Sciences, KPN, NDC, TNO	ONLINE	5-7 Jun 2020
	Digital Cities	Data for Urban Logistics	Urban Radar	ONLINE	6-8 Nov 2020
	Digital Tech	OpenBIM	Tractebel	ONLINE	27-29 Nov 2020
	Digital Industry	Mass Customization & 3D Printing	Trinckle 3D, ETH Zurich, bigrep	ONLINE	4-6 Dec 2020
	Digital Tech	Digital Technologies for Charities	Oriana, ChildVision, UNICEF Hungary	ONLINE	11-13 Dec 2020

Get your challenge hacked now !!

"At Urban Radar we are very impressed with the results of the DeepHack, as this well-run event not only provided us with several new concepts for follow up projects, but we also found new business partners and student talent", Philippe Rapin, CEO of Urban Radar, Nov 2020.

Any questions? Let me answer them:
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"I'm super impressed by the EIT Digital Deep Hack: The CAD elite meets in Berlin to hack the boundaries of 3D printing applications, using our paramate platform", Florian Reichle, CEO of Trinckle, Berlin, Dec 2018

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www.eitdigital.eu/deephack